

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product
Produit

AC Supplied Electronic Control Gear for LED Modules

Name and address of the applicant
Nom et adresse du demandeur

FRIWO Gerätebau GmbH
Von-Liebig-Strasse 11, D-48346 Ostbevern, Germany

Name and address of the manufacturer
Nom et adresse du fabricant

FRIWO Gerätebau GmbH
Von-Liebig-Strasse 11, D-48346 Ostbevern, Germany

Name and address of the factory
Nom et adresse de l'usine

FRIWO Gerätebau GmbH
Von-Liebig-Strasse 11, D-48346 Ostbevern, Germany

Note: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{ème} page

 Additional information on page 2

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

See additional information on page 2

Trademark (if any)
Marque de fabrique (si elle existe)



Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

/

Model / Type Ref.
Ref. De type

LT40-50/700, LT40-48/700, LT40-36/1050,
LT40-27/1150, LT40-24/1400, LT40-24/1460

Additional information (if necessary may also be reported
on page 2)
Les informations complémentaires (si nécessaire, peuvent
être indiqués sur la 2^{ème} page

This CB certificate supersedes previously issued CB certificate
SI-3377 M2 due to the extension with additional model LT40-
50/700 and amendment IEC 61347-1:2007/A1:2010.

 Additional information on page 2

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 61347-1:2007 (2nd. Edition) + A1:2010
IEC 61347-2-13:2006 (1st. Edition)
IEC 62384:2006 (1st. Edition) + A1:2009

As shown in the Test Report Ref. No. which forms part of
this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

T211-0672/13, T211-0673/13

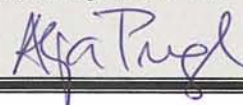
This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**



Slovenski institut za kakovost in meroslovje
Slovenian Institute of Quality and Metrology
Tržaška c. 2, SI-1000 Ljubljana, Slovenia
Product Certification Body is accredited by Slovenian Accreditation, Reg. No.: CP-001

Date: 2013-12-16

Signature: Alja Pregl



Ratings and principal characteristics:

Model	U _{in} (V)	I _{in} (mA)	f (Hz)	P _{in} (W)	λ^*	const. current		const. voltage		max Po (W)	t _c (°C)	t _a (°C)
						I _o (mA)	U _o (V)	I _o (mA)	U _o (V)			
LT40-50/700	220-240	180	50-60	39	0,95	700	20-49	0-665	50	35	85	-20/+45
LT40-48/700	220-240	180	50-60	39	0,95	700	22-47	0-665	48	33,6	90	-20/+45
LT40-36/1050	220-240	200	50-60	44	0,95	1050	15-35,3	0-1000	36	37,8	90	-20/+45
LT40-27/1150	220-240	165	50-60	36	0,95	1150	17-26,5	0-1100	27	31,0	90	-20/+45
LT40-24/1400	220-240	180	50-60	39	0,95	1400	10-23,5	0-1330	24	33,6	90	-20/+45
LT40-24/1460	220-240	180	50-60	40,5	0,95	1460	10-23,5	0-1400	24	35,0	90	-20/+45

λ^* stated is circuit power factor at maximal output power. In the specification is stated graph of circuit power factor with relation to the output power.

Protection against electric shock for built-in control gears shall be assured by installation of the control gear.

Lamp control gears are protected against overheating -maximum case temperature 110 °C

Control gears can have stabilised output voltage or output current.

All models of control gears are provided with following dimming options which are connected to the CTRL terminal:

- dimming with Friwo DIMMbox connected to the output of the control gears
- dimming with ON/OFF switch connected to the output of the control gears
- dimming with variable resistor connected to the output of the control gears
- dimming with external control voltage connected to the output of the control gears

Model LT40-50/700 has additional 1-10 V dimming, connected to the 0-10 V interface.

For all variants of dimming must be used SELV control units or units separated from mains with reinforced insulation.

Factory locations:

- FRIWO Gerätebau GmbH, Von-Liebig-Strasse 11, D-48346 Ostbevern, Germany
- TABEMAX SP J, Ulica Betonowa 1, 86-005 Bialo Blota, Poland

Additional information (if necessary)

Information complémentaire (si nécessaire)

Date: 2013-12-16

Signature: Alja Pregl

